

**MATERIAL SAFETY DATA SHEET****Uni-Kem Chemicals, Inc.**802 Wm. Leigh Drive  
Tullytown, PA 19007  
Phone 215-269-1800N.A.=Not Applicable  
Not Est.=Not Established

Prepared by: Regulatory Affairs Department

Date: 03/13/2007

**SECTION 1- GENERAL PRODUCT DATA****Product Name:** LIQUA-TERG**Product Code:** LLC**HMIS Legend:** 4-Extreme 3-High 2-Moderate 1-Slight 0-Insignificant**HMIS Hazard Code:** Health:1 Flammability:0 Reactivity:1**Chemical Family:** Formulated Liquid Detergent**D.O.T. Shipping Name:** Compound, Cleaning Liquid**CHEM-TEL, INC.****24 Hour Emergency Contact 1-800-255-3924****Chemical Strength:** SLIGHTLY ALKALINE**Formula:** PROPRIETARY**Hazard Class:** N/A**SECTION 2 - HAZARDOUS INGREDIENTS**

CHEMICAL NAME	CAS NO.	OSHA PEL	ACGIH	TLV	%
I					
NJTSR#39210900-5031P					<20
NJTSR#39210900-5116P					>50

Unidentified ingredients are not considered hazardous under the Federal Hazard Communications Standard (29 CFR 1910. 1200)

**SECTION 3 - PHYSICAL DATA****Boiling Point (°F):** 214**Vapor Pressure (mm Hg):** = NA**Appearance:** HIGH VISCOSITY LIQUID**Specific Gravity:** 1.012**Percent Volatile By Volume:** NA**Evaporation Rate:** = NA**Odor:** pH: 7.8**SECTION 4 - FIRE AND EXPLOSION DATA****Flash Point (F):** na**Flammable Limits:** na**Unusual Fire & Explosion Hazards:** not considered flammable**Special Fire Fighting Procedures:** Not normally considered combustible. Will not burn or sustain combustion.**SECTION 5 - HEALTH HAZARD DATA****Route(s) of Entry:** Inhalation: No Skin: Yes Ingestion: No **Threshold Limit Value:** NA**Effects of Overexposure:** Contact with skin may cause defatting and irritation. Contact with eyes may cause irritation or burns.**Emergency & First Aid Procedures:****Inhalation:** No emergency care anticipated.**For Skin:** Wash with cool water and avoid prolonged contact.**For Eyes:** Flush eyes with cool water for at least 15 minutes. Contact physician if irritation develops.**If Ingested:** If ingested give several cups of water or milk to dilute. Do not induce vomiting. Seek medical attention. Do not give liquids to an unconscious person.**Carcinogen:** Not considered carcinogenic by OSHA, NTP, or IARC**SECTION 6 - REACTIVITY DATA****Stability:** Stable**Conditions to Avoid:****Incompatibility:** Strong oxidizing agents**Hazardous Decomposition Products:** None**Hazardous Polymerization:** Will not occur.**SECTION 7 - SPILL OR LEAK PROCEDURES****Steps to be taken if material is released or spilled:**

Stop flow of product. Dilute with water and neutralize if required. Avoid inhalation. Wash away small spills with plenty of water. Avoid skin contact. Decontaminate clothing.

**Waste disposal method:** Observe all local, state and federal regulations. Collect large spills for disposal. Observe all label safeguards until container is cleaned, reconditioned or destroyed.**SECTION 8 - SUGGESTED PROTECTIVE EQUIPMENT****Respiratory Protection:** None usually required.**Ventilation:** Adequate general ventilation**Protective Gloves:** Rubber or neoprene gloves.**Eye Protection:** Chemical goggles or face shield.**Other Protective Equipment:** None usually required.**SECTION 9 - SPECIAL PRECAUTIONS****Precautions to be taken in handling and storage:**

Store at room temperature. Protect from freezing. Keep container closed when not in use. Provide adequate ventilation. Avoid contact with skin and eyes or the breathing of mists. Wash thoroughly after use.

**Other Precautions:** Do not take internally. Avoid contamination of food. For industrial use only. Do not mix with anything but water.**SECTION 313 SUPPLIER NOTIFICATION**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372:

This information must be included in all MSDS's that are copied and distributed for this material.

**NOTICE**

The information contained in this MSDS was obtained from current and reliable sources, however the data is provided without any warranty, expressed or implied, regarding its correctness or accuracy, including the implied warranties of merchantability or fitness for a particular use or method of application. Since the conditions or handling, storage and disposal of this product are beyond the control of this company, it is not responsible for loss, injury and expense arising out of the products improper use.